



JC14 Rec'd PCT/PTO 21 MAY 2002

146.1353

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
ANITA DIU-HERCEND et al :
Serial No.: 09/674,109 :
Filed: October 24, 2000 :
For: METHOD...FROM S. CEREVISIAE :

600 Third Avenue
New York N.Y. 10016
May 21, 2002

RESPONSE

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the notice of missing parts with respect to the sequence listing, Applicants are submitting herewith a paper copy of the sequence listing and a computer diskette in computer readable form. The content of the paper and the disk are the same and where applicable, include no new matter as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d). Also enclosed is a copy of the notice. Therefore, it is believed that the filing of the application is complete and it is requested that the application be forwarded to the group for examination in due course.

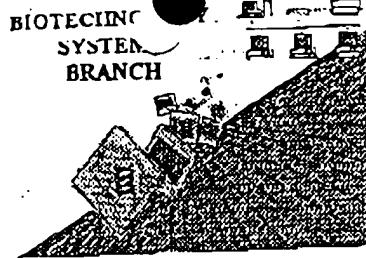
Respectfully submitted,
Bierman, Muserlian and Lucas

By: Charles A. Muserlian
Charles A. Muserlian #19,683
Attorney for Applicants
Tel.# (212) 661-8000

Should any extensions of time or fees be necessary in order to maintain this application in pending condition, appropriate requests CAM:ds are hereby made and authorization is given to debit Enclosures account #02-2275

Donald C. Lucas
Donald C. Lucas 31,275

Q9V 67 in P06 HHD
13568844
MAY 21 2002
D. Muserlian 5/21/02
May 21, 2002



Burk

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/674,109

Source: Pct 09

Date Processed by STIC: 5-29-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703 308 4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE, SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be downloaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>



RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,109

DATE: 05/29/2001
TIME: 15:37:28

Input Set : A:\SeqListing.APP.txt
Output Set: C:\CRF3\05292001\I674109.raw

3 <110> APPLICANT: HOECHST MARION ROUSSEL
5 <120> TITLE OF INVENTION: METHOD FOR SCREENING ANTIMICOTIC SUBSTANCES USING
6 ESSENTIAL GENES FROM S.CEREVISTAR
8 <130> FILE REFERENCE: 16363FC RUU 7
--> 10 <140> CURRENT APPLICATION NUMBER: US/09/674,109
--> 11 <141> CURRENT FILING DATE: 2000-11-22
13 <150> PRIOR APPLICATION NUMBER: 98402254.1
14 <151> PRIOR FILING DATE: 1998-09-11
16 <150> PRIOR APPLICATION NUMBER: 98401007.4
17 <151> PRIOR FILING DATE: 1998-04-24
--> 19 <160> NUMBER OF SEQ ID NO: 180 → See p. 3
21 <170> SOFTWARE: PatentIn ver. 2.1

Does Not Comply
Corrected Diskette Needed

STORED SEQUENCES

1337 <210> SEQ ID NO: 106 Seq #106, number of bases differ:
1338 <211> LENGTH: 62 - 62 listed
1339 <212> TYPE: DNA - 59 shown
1340 <213> ORGANISM: Artificial Sequence
1342 <220> FEATURE:
1343 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
1344 YML049c-S1
1346 <400> SEQUENCE: 106
--> 1347 aattccctgtcattcaggaa aagtctcagg aaattttaac cagatgaagc ttatgtacgc (59)
1474 <210> SEQ ID NO: 117 Seq #117, number of bases differ
1475 <211> LENGTH: 59 - 59 listed
1476 <212> TYPE: DNA - 62 shown
1477 <213> ORGANISM: Artificial Sequence
1479 <220> FEATURE:
1480 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
1481 YMR211w-S2
1483 <400> SEQUENCE: 117
1484 atttcaatca tcttactccg tgaatcaggc tcggaaatgtat gcataaggcca ctatgtggatc 60
--> 1485 tg
2265 <210> SEQ ID NO: 180
2266 <211> LENGTH: 62
2267 <212> TYPE: DNA
2268 <213> ORGANISM: Artificial Sequence
2270 <220> FEATURE:
2271 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
2272 YPR137W-S2
2274 <400> SEQUENCE: 180
2275 aaaagccgtt ttggtcatac acatcgatcgtt atatccatcgtt gcataggcca ctatgtggatc 60
2276 tq
--> 2279 imar
--> 2280 ymr290c s1 → See p. 3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,109

DATE: 05/29/2001
TIME: 15:37:29

Input Set : A:\SeqListing.APP.txt
Output Set: C:\CRF3\05292001\I674109.raw

--> 2282 <210> SEQ ID NO:
--> 2282 <211> LENGTH:
--> 2282 <212> TYPE:
--> 2282 <213> ORGANISM:
--> 2282 <400> SEQUENCE: 105
2283 tgagtttttgcgtt atttggcgtt ttccactgg cagctgaagg ttcgtacgc 59
2285 <210> SEQ ID NO: 106
2286 <211> LENGTH: 63
2287 <212> TYPE: DNA
2288 <213> ORGANISM: Artificial Sequence
2290 <220> FEATURE:
2291 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
YML049c-S1
2294 <400> SEQUENCE: 106
--> 2295 aattccctgtt cattcaagga aagtctcagg aattttccac cagctgaagg ttcgtacgc 59
2422 <210> SEQ ID NO: 117
2423 <211> LENGTH: 59
2424 <212> TYPE: DNA
2425 <213> ORGANISM: Artificial Sequence
2427 <220> FEATURE:
2428 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
YMR211W-S2
2431 <400> SEQUENCE: 117
2432 aattcaatca tcttcactgg tgaatcagg tcggaatgat gcatagccca ctaqtggatc 60
62
--> 2433 tg

↑
Disregard, these are errors due
to the duplication of sequences 105
to 153 as shown on p. 3.

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P. 3

<210> 180 → Seq. 180 - listed as last on the file.

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YFR137w-S2

<400> 100

zaaaggcctgt tgggtcaatg acaygtgaat stataccatt gcataggcca ctatgtggata 60
tg

After sequence 180, the listing starts over at sequence # 105, and goes to

sequence # 153. All of this duplication must be deleted from the file.

~~delete~~ <400> 105

ttagttttac atcttttggc atttggcgcc ttccactgg cagctgaaac ttcgtttacgc 59

<210> 106

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YML049c-S1

<400> 106

aatttctgtct cattcaagga aagtcttggg aaatttcac cagctgaaac ttccgtttacgc 59

<210> 107

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YMR290c-S2

<400> 107

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/674,109

DATE: 05/29/2001
TIME: 15:37:30

Input Set : A:\SeqListLing.APP.txt
Output Set: C:\CRF3\05292001\1674109.raw

:10 M:270 C: Current Application Number differs, Replaced Application Number
:11 M:271 C: Current filing Date differs, Replaced Current Filing Date
:1347 M:252 E: No. of Seq. differs, <211>LENGTH:Input:62 Found:59 SEQ:106
:1405 M:252 E: No. of Seq. differs, <211>LENGTH:Input:59 Found:62 SEQ:117
:2279 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
:2280 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16C
:2280 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:68 SEQ:180
:2280 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4
:2280 M:112 C: (48) String data converted to lower case,
:2280 M:252 E: No. of Seq. differs, <211>LENGTH:Input:62 Found:68 SEQ:180
:2282 M:282 W: Numeric Field Identifier Missing, <210> is required.
:2282 M:282 W: Numeric Field Identifier Missing, <211> is required.
:2282 M:282 W: Numeric Field Identifier Missing, <212> is required.
:2282 M:282 W: Numeric Field Identifier Missing, <213> is required.
:2282 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:180 differs:105
:2295 M:252 E: No. of Seq. differs, <211>LENGTH:Input:62 Found:59 SEQ:106
:2433 M:252 E: No. of Seq. differs, <211>LENGTH:Input:59 Found:62 SEQ:117
:19 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (180) Counted (228)